

Title (en)
SYSTEM AND METHOD FOR PREDICTING THE FILE SIZE OF IMAGES SUBJECT TO TRANSFORMATION BY SCALING AND A CHANGE OF QUALITY-CONTROLLING PARAMETERS

Title (de)
SYSTEM UND VERFAHREN ZUR VORHERSAGE DER DATEIGRÖSSE VON BILDERN, DIE TRANSFORMATION DURCH SKALIERUNG UND EINER ÄNDERUNG VON QUALITÄTSKONTROLLPARAMETERN UNTERZOGEN WERDEN

Title (fr)
SYSTÈME ET PROCÉDÉ PERMETTANT DE PRÉDIRE LA TAILLE DE FICHER D'IMAGES SOUMISES À UNE TRANSFORMATION PAR CHANGEMENT D'ÉCHELLE ET À UN CHANGEMENT DES PARAMÈTRES DE CONTRÔLE DE LA QUALITÉ

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Application
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Priority
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Abstract (en)
[origin: WO2009055896A1] A system and method for predicting a file size of an image subject to transformation by scaling and a change about at least one quality-controlling parameter, in which an input receives (a) the file size of the image before transformation, (b) information about at least one quality-controlling parameter of the image before transformation, (c) information about at least one quality- controlling parameter for application to the image during transformation, and (d) a scaling factor for application to the image during transformation. A relative size prediction is calculated on the basis of the received quality-controlling parameters information and scaling factor. The file size of the image after transformation is finally calculated as a function of the file size of the image before transformation and the calculated relative size prediction.

IPC 8 full level
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Citation (search report)

- [A] US 6563517 B1 20030513 - BHAGWAT PRAVIN [US], et al
- [I] HAIYAN SHU ET AL: "Frame Size Selection in Video Downsizing Transcoding Application", CONFERENCE PROCEEDINGS / IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS (ISCAS) : MAY 23 - 26, 2005, INTERNATIONAL CONFERENCE CENTER, KOBE, JAPAN, IEEE SERVICE CENTER, PISCATAWAY, NJ, 23 May 2005 (2005-05-23), pages 896 - 899, XP010815688, ISBN: 978-0-7803-8834-5, DOI: 10.1109/ISCAS.2005.1464733
- [A] HAIWEI SUN ET AL: "Fast motion vector and bitrate re-estimation for arbitrary downsizing video transcoding", PROCEEDINGS OF THE 2003 INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS, 2003. ISCAS '03., vol. 2, 1 January 2003 (2003-01-01), pages II - 856, XP055015443, ISBN: 978-0-78-037761-5, DOI: 10.1109/ISCAS.2003.1206109
- See references of WO 2009055896A1

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